

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28733	707/3 or 707/4 or 707/5 or 707/6 or 707/102 or 707/7 or 705/10 or 705/14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:20
L2	3477	1 and (monitor\$3 or track\$3) same (user with (reference or input or action))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:23
L3	296	2 and (user near2 profiles)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:23
L4	13	2 and (user near2 profiles) and (user near2 references)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:22
L5	78	2 and (user near2 profiles) and (user near2 (references or model\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:22
L6	0	5 and (user near2 behavo\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:22
L7	13	5 and (user near2 modeling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:23
L8	0	5 and ((user near2 modeling) same linguistic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:23

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L9	62384	(monitor\$3 or track\$3) same (user with (reference or input or action))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:26
L10	1778	9 and (user near2 profiles)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:23
L11	45	10 and (user near2 modeling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:23
L12	166	1 and (semantic with similarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:24
L13	3	12 and (user near2 modeling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:24
L14	5	12 and (user near2 model)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:24
L15	163	(refin\$3 same query same feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:25
L16	71	1 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:25

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L17	2	1 and 15 and suggestion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:25
L18	976	(user near2 model\$3).clm.	US-PGPUB	OR	OFF	2007/08/03 14:26
L19	3645	((monitor\$3 or track\$3) same (user with (reference or input or action))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:26
L20	20	18 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:26
L21	0	18 and 19 and (frequency with vector).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:27
L22	0	18 and 19 and (clusters same similarity).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:27

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The "AND" operator is unnecessary -- we include it here for full details

**Web Scholar** Results 1 - 10 of about 91,800 for **user preference modeling and monitoring user interaction**

### Scholarly articles for **user preference modeling and monitoring user interaction and refining query**



[The um toolkit for cooperative user modelling](#) - Kay - Cited by 104

[Applying user modeling to human-computer interaction design](#) - Benyon - Cited by 38

[Implicit user modeling for personalized search](#) - Shen - Cited by 17

### [PDF] [Consumer-Centered Interfaces Customizing Online Travel Planning](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

(Linden et. al 1997) a **user model** for describing **user preferences** over a set of ...

**Refining query** previews techniques for data with multivalued attributes ...

[hci.epfl.ch/projects/TravelPlan/phdPlan3.pdf](http://hci.epfl.ch/projects/TravelPlan/phdPlan3.pdf) - [Similar pages](#)

### [DOC] (1)

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**Interaction** and **query** length in interactive retrieval. ... **Modeling** characteristics of the user's problematic situation with information search and use ...

[www.scils.rutgers.edu/etc/mongrel/Mongrel\\_NSReport0603-rutgers.doc](http://www.scils.rutgers.edu/etc/mongrel/Mongrel_NSReport0603-rutgers.doc) - [Similar pages](#)

### [DOC] [PROJECT TITLE](#)

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A **user modeling** system for personalized **interaction** and tailored retrieval .... They were able to show that **refining** some short queries with these patterns ...

[www.scils.rutgers.edu/etc/mongrel/idm-2002.doc](http://www.scils.rutgers.edu/etc/mongrel/idm-2002.doc) - [Similar pages](#)

### [PDF] [Implicit User Modeling for Personalized Search](#)

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the **query** to **model** a user's information need. However, since a ..... search results through **refining** the **query** sent to the search engine ...

[portal.acm.org/citation.cfm?doid=1099554.1099747](http://portal.acm.org/citation.cfm?doid=1099554.1099747) - [Similar pages](#)

### [ScienceDirect - Expert Systems with Applications : An ambient ...](#)

An ambient software **monitoring** system for unsupervised **user modelling** ... focused on inferring **users** intentions by **monitoring user interaction** with software ...

[linkinghub.elsevier.com/retrieve/pii/S0957417404001617](http://linkinghub.elsevier.com/retrieve/pii/S0957417404001617) - [Similar pages](#)

### [PDF] [Implicit User Modeling for Personalized Search](#)

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systems rely solely on the **query** to **model** a user's information need. ..... search results through **refining** the **query** sent to the search engine ...

[sifaka.cs.uiuc.edu/czhai/pub/cikm05-ucair.pdf](http://sifaka.cs.uiuc.edu/czhai/pub/cikm05-ucair.pdf) - [Similar pages](#)

### [Personalized broadcast news navigator - Patent 20060047701](#)

8 (e.g., **query**, story selection, media selection) affords an opportunity for **modeling user** interest in the first two actions and/or **preference** in the last. ...

[www.freepatentsonline.com/20060047701.html](http://www.freepatentsonline.com/20060047701.html) - 71k - Cached - [Similar pages](#)

### [2008 International Conference on Intelligent User Interfaces](#)

**Refining Preference-Based Search Results Through Bayesian Filtering** .... A **model** of **user-search-engine interaction** within the ACT-R cognitive architecture ...

[www.iuiconf.org/pastiui/07program.html](http://www.iuiconf.org/pastiui/07program.html) - 89k - [Cached](#) - [Similar pages](#)

**System and method for obtaining user preferences and providing ...**

While these systems require little **interaction** with the **user**, .... The record of queries submitted by a **user** is useful for **modeling** the **user's** interest ...

[www.patentstorm.us/patents/6801909-description.html](http://www.patentstorm.us/patents/6801909-description.html) - 64k - [Cached](#) - [Similar pages](#)

**[PDF] An Ontology-Based Architecture for Adaptive Work-Centered User ...**

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differentiates between "refining" entities – entities such as value types and ..... Converters.

ACUITy. Controller. **Interaction**. Logic. **User Interface Model** ...

[jena.hpl.hp.com/juc2006/proceedings/crapo/paper.pdf](http://jena.hpl.hp.com/juc2006/proceedings/crapo/paper.pdf) - [Similar pages](#)

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**Web Scholar Results 1 - 10 of about 396,000 for user preferences modeling and semantic similarity and I**

### Scholarly articles for user preferences modeling and semantic similarity and linguistic features



[Information retrieval: data structures and algorithms](#) - Frakes - Cited by 1181

[Linguistic decision analysis: steps for solving decision ...](#) - Herrera - Cited by 147

[A user attention model for video summarization](#) - Ma - Cited by 118

### [PDF] User Modeling for Efficient Use of Multimedia Files

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other users having similar user preferences models. We use two levels of semantic features in user preferences modeling: lexical features, ...

[research.microsoft.com/~zhengc/papers/PCM2001 UM.pdf](#) - [Similar pages](#)

### [PDF] User Intention Modeling in Web Applications Using Data Mining

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differentiated user's intentions from user's preferences. Two linguistic features (keyword and concept features) are extracted for intention modeling. ...

[research.microsoft.com/~zhengc/papers/WWWJ\\_intention\\_modeling.pdf](#) - [Similar pages](#)

[ More results from [research.microsoft.com](#) ]

### Measuring Semantic Similarity between Words Using Web Search Engines

The study of semantic similarity between words has long been an integral part ....

authority, link structure, user preferences when ranking search results. ...

[www2007.org/htmfpapers/paper632/www\\_camera.html](#) - 137k - [Cached](#) - [Similar pages](#)

### [PDF] Inferring User's Preferences using Ontologies

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sity in CF by combining semantic and item similarities together. .... a suitable to model user's preference and concept similarity, ...

[infoscience.epfl.ch/getfile.py?docid=10501&name=AAAI06-222&format=pdf&version=1](#) -

[Similar pages](#)

### [PDF] Using an Ontological A-priori Score to Infer User's Preferences

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filling in missing elements of a user's preference model using the in- .... [3] J. Jiang and D.W Conrath, 'Semantic Similarity based on corpus and ...

[infoscience.epfl.ch/getfile.py?docid=10668&name=ecai2006&format=pdf&version=1](#) -

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### [PDF] Knowledge Representation and Sharing Using Visual Semantic ...

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of this paper in knowledge sharing and semantic modeling, we .... 2) image feature information; and 3) user preferences. The pos- ...

[ieeexplore.ieee.org/iel5/4233/32991/01545958.pdf?arnumber=1545958](#) - [Similar pages](#)

### [PDF] Semantics modeling in diagnostic medical image databases using ...

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information, (2) semantic information, and. (3). user. preferences. 2.1 Image feature information. Each linguistic variable is assigned a feature extraction ...

[ieeexplore.ieee.org/iel5/8573/27148/01206595.pdf](http://ieeexplore.ieee.org/iel5/8573/27148/01206595.pdf) - [Similar pages](#)

### Media agent - Patent 20040220925

Once a **user preference model** 230 is known, the media agent 210 (i.e., .... [0094] **User preferences** are modeled by analyzing **semantic features** of the media ...  
[www.freepatentsonline.com/20040220925.html](http://www.freepatentsonline.com/20040220925.html) - 105k - Cached - [Similar pages](#)

### Media agent - Patent 20040215663

It can be appreciated that the **semantic features** can be stored separately, if desired, from the media content. [0131] At block 506, **user preference modeling** ...  
[www.freepatentsonline.com/20040215663.html](http://www.freepatentsonline.com/20040215663.html) - 94k - Cached - [Similar pages](#)  
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### [PDF] Measuring Semantic Similarity between Words Using Web Search Engines

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pus in a nonlinear **model**. They proposed a **similarity mea-** .... **user preferences** when ranking search results. Consequently, ...  
[www.cs.bell-labs.com/cm/cs/who/pfps/temp/web/www2007.org/papers/paper632.pdf](http://www.cs.bell-labs.com/cm/cs/who/pfps/temp/web/www2007.org/papers/paper632.pdf) - [Similar pages](#)

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